Listing of Claims

1. (currently amended) A computerized method to recover session information and data after a change in a network, the method comprising:

connecting a persistent data object to a first persistent data control object;

transacting data in a data area in response to a request by the persistent data object, with the first persistent data control object controlling the transaction of the data in the data area;

dynamically replicating the data area in [at least one] a plurality of alternate persistent data control [object] objects located anywhere in the network; and

connecting the persistent data object to an alternate persistent data control object upon notification of the change in the system, with the alternate persistent data control object obtaining control of the transaction of the data in the data area upon the change in the network.

2. (currently amended) The method of claim 1, wherein the [system] network comprises an Application comprised of objects, a System Registry, and a Messaging Scheme.

3. (currently amended) The method of claim 1 wherein the change in the [system] network comprises a failure of the first persistent data control object.

4. (previously presented) The method of claim 1, the method further comprising creating a data area in response to a request by the persistent data object, with the first persistent data control object controlling the creation of the data area.

5. (previously presented) The method of claim 1, the method further comprising connecting the persistent data object to a second persistent data control object.

6. (previously presented) The method of claim 1, the method further comprising storing the data area in a media device.

7. (original) The method of claim 6, wherein the media device is chosen from the list consisting of a memory, hard disc drive, and a networked media device.

8. (original) The method of claim 1, wherein session information is stored in the first persistent data control object and replicated in alternate persistent data control objects.

9. (cancelled)

10. (cancelled)

11. (currently amended) A computerized method to recover session information and data after a change in a network, the method comprising:

connecting a persistent data object to a first persistent data control object;

transacting data in a data area in response to a request by the persistent data object, with the first persistent data control object controlling the transaction of the data in the data area;

dynamically replicating the data area in at least one alternate persistent data control object located anywhere in the network; and

connecting the persistent data object to an alternate persistent data control object upon notification of the change in the system, with the alternate persistent data control object obtaining control of the transaction of the data in the data area upon the change in the network;

wherein the connecting the persistent data object to an alternate persistent data control object additionally comprises negotiating the alternate persistent data control object; and [The method of claim 10,] wherein the negotiating the alternate persistent data control object comprises using a name-based negotiating method.

12. (previously presented) The method of claim 2, the method further comprising the persistent data object communicating with the first persistent data control object and the alternate persistent data control object through the Messaging Scheme.

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13. (cancelled)

14. (currently amended) <u>A computerized method to recover session information and data after a change in a network, the method comprising:</u>

<u>connecting a persistent data object to a first persistent data control object;</u>

<u>transacting data in a data area in response to a request by the persistent data object, with the first persistent data control object controlling the transaction of the data in the data area;</u>

<u>dynamically replicating the data area in at least one alternate persistent data control object located anywhere in the network; and</u>

<u>connecting the persistent data object to an alternate persistent data control object upon notification of the change in the system, with the alternate persistent data control object obtaining control of the transaction of the data in the data area upon the change in the network;</u>

[The method of claim 1,] wherein the change in the [system] <u>network</u> additionally comprises adding an additional alternate data control object.

15. (currently amended) <u>A computerized method to recover session information and data after a change in a network, the method comprising:</u>

<u>connecting a persistent data object to a first persistent data control object;</u>

<u>transacting data in a data area in response to a request by the persistent data object, with the first persistent data control object controlling the transaction of the data in the data area;</u>

<u>dynamically replicating the data area in at least one alternate persistent data control object located anywhere in the network; and</u>

<u>connecting the persistent data object to an alternate persistent data control object upon notification of the change in the system, with the alternate persistent data control object obtaining control of the transaction of the data in the data area upon the change in the network;</u>

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_____wherein the network comprises an Application comprised of objects, a System Registry, and a Messaging Scheme that determines the change in the network and notifies the persistent data object;

_____[The method of claim 13,] wherein the additional alternate data control object is used for end of day archiving of the data area.

16. (previously presented) The method of claim 2, the method further comprising the determining the change in the network by sending a message to the first persistent data control object to determine the current state of the first persistent data control object.

17. (original) The method of claim 1, wherein the connection of the persistent data object to the alternate persistent data control object is done transparently to a user.

18. (currently amended) A computerized method to recover session information and data after a change in a network, the method comprising:

_____connecting a persistent data object to a first persistent data control object;

_____transacting data in a data area in response to a request by the persistent data object, with the first persistent data control object controlling the transaction of the data in the data area;

_____dynamically replicating the data area in at least one alternate persistent data control object located anywhere in the network; and

_____connecting the persistent data object to an alternate persistent data control object upon notification of the change in the system, with the alternate persistent data control object obtaining control of the transaction of the data in the data area upon the change in the network;

_____wherein the network comprises an Application comprised of objects, a System Registry, and a Messaging Scheme;

_____[The method of claim 2,] the method further comprising registering the persistent data control objects with the System Registry, and finding the first persistent data control object by querying the System Registry.

19. (previously presented) The method of claim 1, the method further comprising requesting a transaction of data in the data area by a user, with the user sending the request to the persistent data object.

20. (original) The method of claim 19, wherein the user is selected from the list consisting of a person, a program, a person using a program, a program using a program, and expanding levels of programs using programs.

21.-23. (cancelled)